

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5796	S4 and ((capacitor same via) (capacitor same contact) capacitor same interconnect))	USPAT	OR	OFF	2005/05/13 11:18
		S4 and ((capacitor same (via contact interconnect hole plug))	USPAT	OR	OFF	2006/03/29 12:16
		(438/393-399).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 13:53
L2	1991	(257/532).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 13:53
L3	7626	L1 or L2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 13:53
L4	987	L3 and (metal near5 capacitor)	USPAT	OR	OFF	2006/03/29 13:56
L5	342	L4 and titanium adj nitride	USPAT	OR	OFF	2006/03/29 13:57
L6	29	(US-20010019144-\$).did. or (US-6461914-\$ or US-6346454-\$ or US-6534374-\$ or US-6313003-\$ or US-6124199-\$ or US-5918135-\$ or US-6500724-\$ or US-6426249-\$ or US-6281541-\$ or US-6596579-\$ or US-6596581-\$ or US-6259128-\$ or US-6037216-\$ or US-6524926-\$ or US-6200629-\$ or US-6117747-\$ or US-6329234-\$ or US-6387775-\$ or US-5946567-\$ or US-6001702-\$ or US-6072210-\$ or US-5624864-\$ or US-5479316-\$ or US-6180976-\$ or US-6709918-\$ or US-6803306-\$). did. or (US-6746914-\$ or US-6989313-\$).did.	US-PGPUB; USPAT	OR	ON	2006/03/29 15:32
L7	18	L6 and tungsten	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 15:32

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L8	9	L6 and (tungsten with (contact plug interconnect))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 15:33
L9	22	("4418470" "5162258" "5268315" "5370766" "5446311" "5652173" "5926359" "5946567" "6040226" "6083785" "6117747" "6259128" "6313003").PN. OR ("6534374"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 15:37
S1	4870	(438/381-399,629).CCLS.	USPAT; USOCR	OR	OFF	2005/05/13 11:14
S2	3404	S1 and capacitor	USPAT	OR	OFF	2005/05/13 11:14
S3	254	S2 and (MIM "metal insulator metal" MOM "metal oxide metal")	USPAT	OR	OFF	2006/03/29 13:55
S4	254	S2 and (MIM "metal insulator metal" metal-insulator-metal MOM "metal oxide metal" metal-oxide-metal)	USPAT	OR	OFF	2005/05/13 11:17
S5	202	S4 and ((capacitor same via) (capacitor same contact) (capacitor same interconnect))	USPAT	OR	OFF	2005/05/13 11:19
S6	172	S4 and ((capacitor with via) (capacitor with contact) (capacitor with interconnect))	USPAT	OR	OFF	2005/05/13 11:19
S7	152	S4 and ((capacitor near10 via) (capacitor near10 contact) (capacitor near10 interconnect))	USPAT	OR	OFF	2005/05/13 11:19
S8	134	S4 and ((capacitor near5 via) (capacitor near5 contact) (capacitor near5 interconnect))	USPAT	OR	OFF	2005/05/13 11:19
S9	125	S4 and ((capacitor adj10 via) (capacitor adj10 contact) (capacitor adj10 interconnect))	USPAT	OR	OFF	2005/05/13 11:20
S10	101	S4 and ((capacitor adj5 via) (capacitor adj5 contact) (capacitor adj5 interconnect))	USPAT	OR	OFF	2005/05/13 11:20
S11	95	S10 and (TiN "titanium nitride" nitride)	USPAT	OR	OFF	2005/05/13 11:24
S12	4876	(438/381-399,629).CCLS.	USPAT; USOCR	OR	OFF	2005/05/17 12:56
S13	3375	S12 and capacitor	USPAT	OR	OFF	2005/05/17 13:09

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S14	248	S13 and (MIM "metal insulator metal" metal-insulator-metal MOM "metal oxide metal" metal-oxide-metal)	USPAT	OR	OFF	2005/05/17 12:56
S15	49	S14 and damascene and (tungsten W)	USPAT	OR	OFF	2005/05/17 13:02
S16	4	S14 and damascene and ("tungsten plug")	USPAT	OR	OFF	2005/05/17 13:04
S17	4	S14 and damascene and ("tungsten plug" "W-plug")	USPAT	OR	OFF	2005/05/17 13:04
S18	379	S12 and damascene	USPAT	OR	OFF	2005/05/17 13:09
S19	233	S12 and "dual damascene"	USPAT	OR	OFF	2005/05/17 13:09
S20	164	S12 and "dual damascene" and (tungsten "W-plug" "W plug")	USPAT	OR	OFF	2005/05/17 13:17
S21	164	S12 and "dual damascene" and (tungsten "W-plug" "W plug")	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/05/17 13:17
S22	164	S12 and "dual damascene" and (tungsten "W-plug" "W plug")	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/05/17 16:01
S23	4876	(438/381-399,629).CCLS.	USPAT; USOCR	OR	OFF	2005/05/17 16:01
S24	164	S23 and "dual damascene" and (tungsten "W-plug" "W plug")	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/05/17 16:41
S25	80	S24 and capacitor	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/05/17 16:01
S26	31	"5933761"	USPAT	OR	OFF	2005/05/17 16:38
S27	2	S23 and "dual damascene" and tungsten.ti.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/05/17 16:41
S28	16	"5918135"	USPAT	OR	OFF	2005/05/18 13:50
S29	11	("4481283" "4971924" "5227323" "5563762" "5571746" "5576240" "5610101" "5658821" "5674771" "5744387" "5753527").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/18 13:51
S30	15	("5918135").URPN.	USPAT	OR	OFF	2005/05/18 13:52
S31	1	"6787914"	USPAT	OR	OFF	2005/05/18 14:10

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S32	24	("4960732" "5187120" "5420072" "5552339" "5641710" "5654233" "5731225" "5874355" "5874356" "5903053" "5920122" "6016012" "6093645" "6110789" "6136691" "6146991" "6150257" "6174823" "6204171" "6284657" "6287988" "6319826" "6333261" "6475907").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/18 14:11
S33	8	US-6387775-\$.DID. OR US-6329234-\$.DID. OR US-6117747-\$.DID. OR US-5882999-\$.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 12:16
S34	21	("5406447" "5479316" "5736448" "5812364" "5813664" "5946567").PN. OR ("6117747"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 12:16
S35	55	("5194932" "5208726" "5293510" "5406447" "5675184" "5726083" "5879985" "5932906" "5946569" "5998276" "6146941" "6184076" "6258653" "6259128").PN. OR ("6329234"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 12:17
S36	19	("5918135" "5946567" "6001702" "6072210" "6261951" "6278147" "6284149" "6284619").PN. OR ("6387775"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 12:17
S37	27	("4737838" "5338701" "5554558" "5571746" "5614111" "5618749" "5624864" "5631188").PN. OR ("5946567"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 12:17
S38	15	("5478772" "5563762" "5622893" "5736448").PN. OR ("6001702"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 12:18
S39	25	("5392189" "5482886" "5604696" "5648290" "5677222" "5792690" "5801079" "5858831" "6001685").PN. OR ("6072210"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 12:18
S40	56	("3481781" "4091407" "4133690" "4371587" "4692786" "4866003" "4901133" "5065222" "5128279" "5139971" "5310720" "5374578").PN. OR ("5624864").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 12:21

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S41	66	("3518498" "3864817" "4638400" "4731696" "4785202" "4831431" "4937649" "4959705" "5053917" "5086370" "5369313").PN. OR ("5479316"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 12:26
S42	129	nam-sang\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 12:26
S43	23	("5053917" "5356826" "5440174" "5708559" "5801065" "5851870" "5912044" "5985731" "6117747" "6180976" "6207560" "6259128").PN. OR ("6500724").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 12:28
S44	21	("20010019144" "20020197844" "20030008467" "20030011043" "20030032206" "20030211731" "20030232481" "20040126984" "20040201057" "20050062130" "6204116" "6259128" "6271082" "6342734" "6461914" "6500724" "6583491" "6635498" "6740974" "6777776" "6885081").PN. OR ("6989313"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 12:30
S45	41	("5312777" "5530262" "5612254" "5708559" "5712813" "5808855" "5895948" "5982018").PN. OR ("6180976"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 12:31

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